Docket No. 108421-00036

As a below named inventor, I hereby declare that:

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC

Declaration For U.S. Patent Application

I believe	I am the ori e listed belov	ginal, first and v) of the subject	I sole inv	entor (which i	e as stated below my namif only one name is listed is claimed and for which THOD OF MANUFACT	d below) or an origina patent is sought on	the invention enti	inventor (if plural tled	ĺ
the specif	-				he following box is checl				_
	61. 1					A - DOTE I			
L	was filed or Number	<u> </u>			and was amended on	_ As PCT Internation	nai Application		
and/or	was filed or	March	7. 20	002	and was amended on	As U.S. Patent Apr	olication		
	Number				and was amended on	_			
amended I acknow I hereby certificate below an	by any amer ledge the dut claim foreign e, or '365(a) ad have also	idment referred by to disclose in priority bene of any PCT I identified bel	d to above nformation fits unde internation ow any f	e. n whic r 35 U. nal app oreign	nd the contents of the a h is material to patentabi S.C. '119(a)-(d) or '36 blication which designate application for patent of for which priority is clair	lity as defined in 37 (5/5) of any foreign a d at least one country inventor's certificat	C.F.R. '1.56. pplication(s) for py other than the U	patent or inventor's Inited States, listed	5]
_	-			_ ` `				y Claimed	
(List mai		-064906	.	Japan		March/2001	🖂 Ye	es ∐ No	
(List pri foreign	2001	nber) -339846		(Coun Japan	3)	y/Month/Year Filed) November/2001	⊠ Ye	s \square No	
applicat	tions) ———	nber)	`	(Coun		y/Month/Year Filed)		.s	
	(1.4.			(555	(,	,,,	□ Ye	s 🗌 No	
	(Nu	nber)		(Coun	try) (Day	y/Month/Year Filed)			
I hereby o	claim the ber		•	. ,	of any United States prov	.,	listed below.		
		(Application Number)			(Filling	Date			
	(Application Number)				(Filing	Date) .			
		☐ Se	e attache	d list fo	or additional prior foreign	or provisional applic	cations.		
designati disclosed duty to di date of th (List prior U Application	ng the United in the prior isclose informed prior applicus. J.S. s or	d States of Amapplication(s) mation which i	nerica listo (U.S. or I s materia national o	ed belo PCT) in I to pate or PCT	any United States application and, insofar as the substitute manner provided by entability as defined in 3 International filing date (Filing Date)	oject matter of each of the first paragraph of 7 C.F.R. '1.56 which of this application.	f the claims of thi f 35, U.S.C. '112, became available	s application is not I acknowledge the	t 3
PCT Interna applications		(Application Serial No.)			(Filing Date)	(Sta	(Status) (patented, pending, abandoned)		_

And I hereby appoint the firm of Arent Fox, Customer Number 004372 including as principal attorneys: Robert B. Murray, Reg. No. 22,980; Charles M. Marmelstein, Reg. No. 25,895; George E. Oram, Jr., Reg. No. 27,931; Douglas H. Goldhush, Reg. No. 33,125; David T. Nikaido, Reg. No. 22,663; Richard J. Berman, Reg. No. 39,107; Murat Ozgu, Reg. No. 44,275; Robert K. Carpenter, Reg. No. 34,794; Gregory B. Kang, Reg. No. 45,273; Rustan Hill, Reg. No. 37,351; Carl Schaukowitch, Reg. No. 29,211; Kevin Turner, Reg. No. 43,437; Rhonda C. Barton, Reg. No. 47,271; Hans J. Crosby, Reg. No. 44,634; and Brian A. Tollefson, Reg. No. 46,338.

Please direct all communications to the following address:

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC 1050 Connecticut Avenue, N.W., Suite 600 Washington, D.C. 20036-5339 Telephone No. (202) 857-6000; Facsimile No. (202) 638-4810

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be take in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inv	ventor Hiroshi KOYAMA							
Inventor's	1. 1/	Anril	4	2002				
signature /di	roshi Koyama	April	Date	2002				
Residence Yokohama-shi, Kanagawa, Japan Citizenship Japanese								
Post Office Address c/o NHK Spring Co., Ltd., 10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagasa-shi, Kanaga								
Full name of sole or first inv	ventor Koichi TAMATSU	·		-				
Inventor's	oichi, Tamateu	Inventor	's sigi	nature				
signature	out Jamaleu	April	te	2002				
Residence Yokohama-shi	i, Kanagawa, Japan		ite					
	o NHK Spring Co., Ltd., 10, Fukuura 3-chome, Kanazawa-ku, `6-0004 JAPAN	Yokohama-sh	i, Kan	agawa				
Full name of sole or first inventor Masato SUGAWARA								
Inventor's	asato Sugawara	Inventor	's sig	nature				
signature <u>h</u>	asaro sugarrara	April	te	2002				
Residence Yokohama-shi	i, Kanagawa, Japan							
Citizenship Japanese	NHK Spring Co., Ltd., 10, Fukuura 3-chome, Kanazawa-ku,	Volcohomo sh	i Van	2021/2				
	6-0004 JAPAN	T OKOHAIHa-Si	II, Kali	agawa				
	ventor Jun UMENO		,					
Inventor's	Jun Juneno	Inventor April	S Sign	nature 2002				
signature	un amena		ite					
Residence Yokohama-sh	i, Kanagawa, Japan							
	o NHK Spring Co., Ltd., 10, Fukuura 3-chome, Kanazawa-ku, 6-0004 JAPAN	Yokohama-sl	ıi, Kan	agawa				
Full name of sole or first in	ventor Hiroshi MACHIDA							
Inventor's	rosti Madrida	April	4.	2002				
signature	rosti Madida	<u>-P</u>	Date					
Residence Yokohama-sh			24.0					
Citizenship Japanese								
Post Office Address c/c 23	o NHK Spring Co., Ltd., 10, Fukuura 3-chome, Kanazawa-ku, 66-0004 JAPAN	Yokohama-sl	ni, Kan	agawa 				
	venter Hiroshi MASUYA	· ·						
Inventor's	With Micros	April	4.	2002				
signature	me provide		Date					
Residence Yokohama-sh								
Citizenship Japanese Post Office Address c/o NHK Spring Co., Ltd., 10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa								
	66-0004 JAPAN	TOKOHAIHa-Si	II, Kai	agawa				
Full name of sole or first inventor Fumiaki KIMURA								
Inventor's signature	Francisk &	April	4,	2002				
. —	, words , muso	- -	Date					
Residence Yokohama-shi, Kanagawa, Japan Citizenship Japanese								
Post Office Address c/o NHK Spring Co., Ltd., 10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa								
236-0004 JAPAN								

4 ,			
·	Full name of sole or fire	Veneti TOUÍ	•
	Inventor's	St inventor Yasuaki TSUJI Wassa hi Striki	April 4, 2002
	signature _	Juniara Essays	Date
	Residence Yokoham	a-shi, Kanagawa, Japan	2410
	Citizenship Japanese		
	Post Office Address	c/o NHK Spring Co., Ltd., 10, Fukuura 3-chome, Kanazawa-236-0004 JAPAN	ku, Yokohama-shi, Kanagawa
	Full name of sole or fire	st inventor Akihiro KATSUYA	
	Inventor's signature	Alihiro Katsura	April 4, 2002
			. Date
		a-shi, Kanagawa, Japan	
	Citizenship Japanese Post Office Address	c/o NHK Spring Co., Ltd., 10, Fukuura 3-chome, Kanazawa-236-0004 JAPAN	ku, Yokohama-shi, Kanagawa
	Full name of sole or fire	st inventor Takahiro NAKAMURA	• 10
	Inventor's signature	Takahiro Nakanura	April 4, 2002
	_		Date
		a-shi, Kanagawa, Japan	
	Citizenship Japanese Post Office Address		ku Vokobama shi Vonogaya
	rusi Office Address	c/o NHK Spring Co., Ltd., 10, Fukuura 3-chome, Kanazawa-236-0004 JAPAN	ku, 1 okonama-sili, Kanagawa